

Application Serial No. 09/656,626

64. (New) The product of Claim 63 wherein the aluminum alloy is a 7075-T6 aluminum alloy.

65. (New) The product of Claim 59 wherein the aluminum alloy is has a Brinell Hardness at 500 kg load of at least about 80.

D3 66. (New) The product of Claim 59 wherein the aluminum alloy has an elongation of at least about 4%; a tensile strength of at least about 75 KSI; and a 0.2 % offset yield strength of at least about 65 KSI.

REMARKS

Prior to entry of this Supplemental Amendment, Claims 17-30 and 32-53 are pending in this Application. In this Supplemental Amendment, new Claims 54-66 have been added. Accordingly, after entry of this Supplemental Amendment Claims 17-30 and 32-66 are pending in the application.

Applicants respectfully submit that the amendments to the claims are supported by the specification, claims and Figures, as originally filed. In particular, support for the new claims may be found on pages 13 and 14 of the specification and in the claims as originally filed. Applicants also note that Claims 43-45 and 52 have been amended to correct typographical errors. Entry of the amendments to the claims is respectfully requested.

Applicants note that additional claims fees of \$201.00 are due as a result of the amendments presented herein. The Commissioner is hereby authorized to charge the additional claims fees and any other additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447.

Telephone Interview

Applicants thank Examiner Combs-Morillo for graciously holding a telephone interview with Applicants' representative, Charles Carter, on November 19, 2002 to discuss the status of the application. During the interview, the

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Shaffer and ASM references were discussed. Applicants' representative noted that these two cited references, alone or in combination with the other cited references, did not teach or disclose an article formed from a wrought aluminum alloy having the recited grain structure and physical properties. No agreement on the patentability of the pending claims was reached.

Applicants respectfully submit that the subject matter recited in the pending claims, considered as a whole, would not have been obvious to a person having ordinary skill in the art based on the references cited in the Office Action.

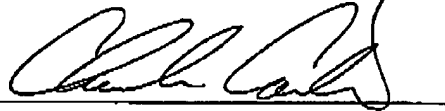
The Examiner is invited to telephone the undersigned if such would advance the prosecution of the Application.

Respectfully submitted,

Date

Nov. 19, 2002

By



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**MARKED UP VERSION ATTACHED TO AMENDMENT IN
SERIAL NO. 09/656,626**

Marked up version of Claims 43-45 and 51-53:

43. The article [product] of Claim 18 wherein the aluminum alloy is substantially free of pores having a largest dimension which exceeds 0.0001 inch.

44. The article [product] of Claim 43 wherein the aluminum alloy is substantially free of intergranular voids.

45. The article [product] of Claim 44 wherein the aluminum alloy has a grain structure that is substantially uniform.

51. The article of Claim 50 wherein the aluminum alloy has an elongation of at least about 6% [4%].

52. The article of Claim 33 wherein the aluminum alloy is a 6061 aluminum alloy which has a tensile strength of at least about 45 KSI, a 0.2 % offset yield strength of at least about 40 KSI, and a Brinell Hardness at 500 kg load of at least about 80.

53. A cast aluminum alloy article formed from a 6000 series aluminum alloy and having an elongation of at least about 4% , a 0.2 % offset yield strength of at least about 32 KSI, and a tensile strength of at least about 38 KSI, wherein the aluminum alloy has a substantially uniform and generally round grain structure; and is substantially free of micropores having a largest dimension which exceeds 0.0001 inch; and the generally round grain structure has an average grain size of about 0.003 to 0.004 inch.